ECS Configuration Change Request

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1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Richard Strub	2/28/00	00-0221	–	301 614 5742	N126-8	M&O

8. CCR Title: Failed Distribution Rescuer

9. Originator Signature/Date		10. Class	11. Type:	12. Need Date: 2/25/2000
2/15/2000		II	CCR	

13. Office Manager Signature/Date		14. Category of Change:	15. Priority: (If "Emergency" fill in Block 28).
2-17-00		~~Initial ECS Baseline Doc.~~ OTHER	Routine

16. Documentation/Drawings Impacted: none	17. Schedule Impact: none	18. CI(s) Affected:DSS

19. Release Affected by this Change: 5A	20. Date due to Customer:	21. Estimated Cost: None - Under 100K

22. Source Reference: ☐NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other: N/A

23. Problem: (use additional Sheets if necessary)
After a cold start all the unfinished distributions are lost from the distribution GUI. They must be captured before shut down and somehow distributed later. Also an ad-hoc redistribution tool is needed for various situations.

24. Proposed Solution: (use additional sheets if necessary)
A Perl TK/DBI GUI with two algorithms. 1) Cold Start - collecting unfinished and failed distributions by searching the database for current or archived distributions with a status that is NOT "Shipped". 2) Ad-Hoc - the database is searched for distributions in a user supplied state such as "Failed". The current list shows the same requests as that in the Distribution GUI. The archived list shows those that have "timed-out" from the Distribution GUI. The information needed to re-send each of these failed granules are placed each record of a listbox. ->

25. Alternate Solution: (use additional sheets if necessary)
EDG
The as yet unsupported EcTsClientDriver will work for some customers.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Although Ops folks are currently quite experienced in using the EcTsClientDriver, there are two problems with this: 1) If there are many to be done, a one at a time solution may not be fast enough 2) MCST needs the email text field filled with a certain code. The baseline EcTsClientDriver does not include this.

27. Justification for Emergency (If Block 15 is "Emergency"):

28. Site(s) Affected: ☐EDF ☐PVC ☐VATC ☐EDC ☒GSFC ☐LaRC ☐NSIDC ☐SMC ☐AK ☐JPL ☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): 7Mar00	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

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ECS/EDF/SCDV/M&O

ORIGINAL

ADDITIONAL SHEET

CCR #: 00-022 Rev: ── **Originator:** Richard Strub

Telephone: 301 614 5742   **Office:** M&O

Title of Change: Failed Distribution Rescuer

24. cont.
Any or all of these records may then be selected for rescuing, re distribution, using a modified form of the EcTsClientDriver. Any of these "to be rescued" records may be edited to change the user, password, destination machine, destination directory etc. Then the Shirey Subscription Rescuer activates 1 - 9 ClientDriver processes which all coordinate together to work through the list of granules to be rescued. The status of these re-distributions are shown in the Distribution GUI."

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